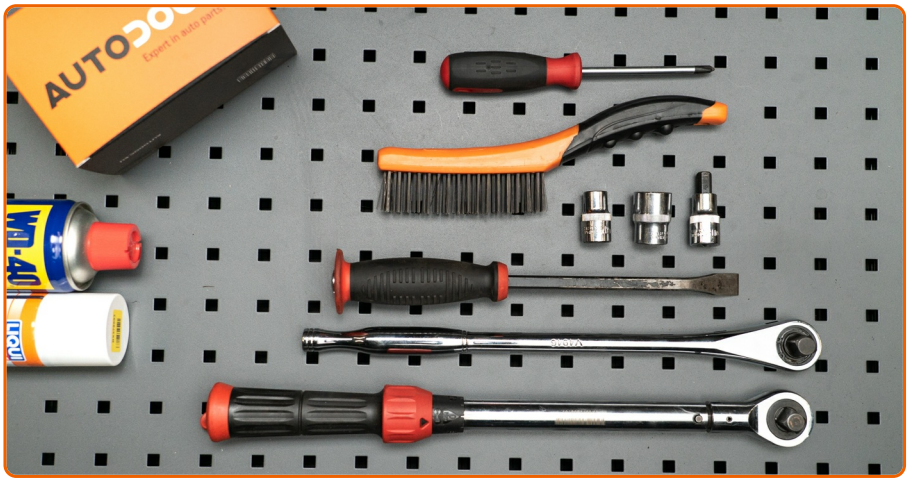
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
NISSAN QASHQAI / QASHQAI +2 I (J10, NJ10, JJ10E) 1.6

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – NISSAN QASHQAI J10. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #21
- Ratchet wrench
- Tap wrench
- Crow bar
- Strut spring compressor
- Hydraulic transmission jack
- Wheel chock

Replacement: coil springs – Nissan Qashqai J10. Tip from AUTODOC experts:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: COIL SPRINGS – NISSAN QASHQAI J10. TAKE THE FOLLOWING STEPS:

1

Secure the wheels with chocks.

2

Loosen the wheel mounting bolts. Use wheel impact socket #21.

3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5

Remove the wheel.

6

Support the arm. Use a hydraulic transmission jack.

7

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

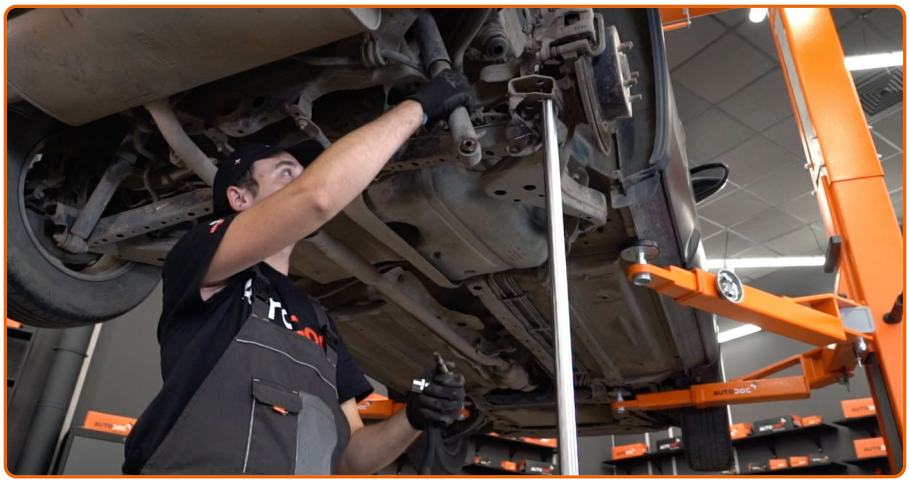
8

Unscrew the lower fastener of the shock absorber. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

Replacement: coil springs – Nissan Qashqai J10. Professionals recommend:

- To avoid injury, hold up the wheel when unscrewing the bolts.

9



Remove the shock absorber.

10

Remove the support from under the rear arm.

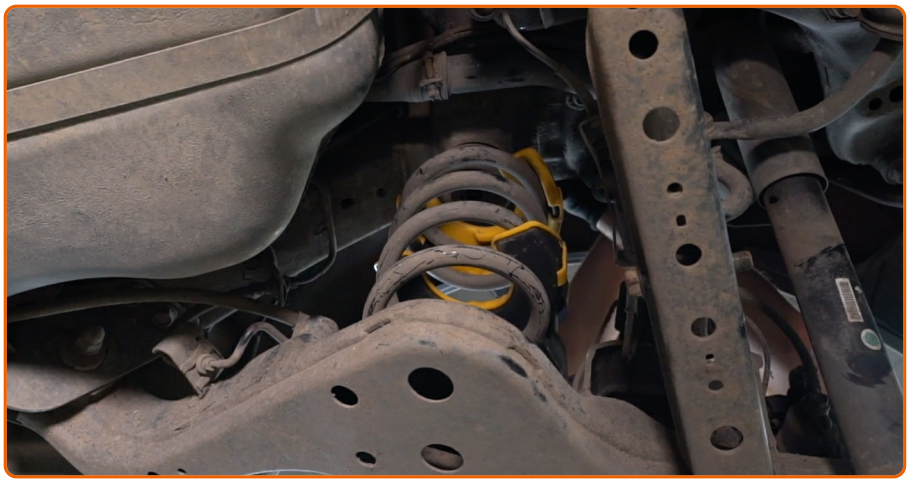
AUTODOC recommends:

- Nissan Qashqai J10 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

11

Unscrew the stabilizer rod fasteners. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

12



Install the coil spring compressor on the coil spring.

Replacement: coil springs – Nissan Qashqai J10. Tip from AUTODOC:

- Use adapters and jaws of the appropriate size.
- The sping coils should be securely fixed with the coil spring compressor.
- Use high quality coil spring compressors.

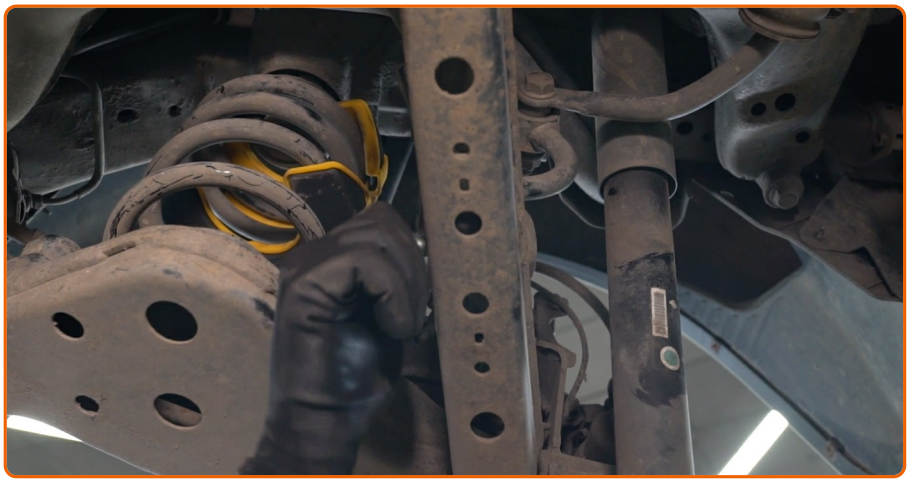
13

Compress the spring by turning the lead screw of the coil spring compressor. Use a ratchet wrench.

AUTODOC recommends:

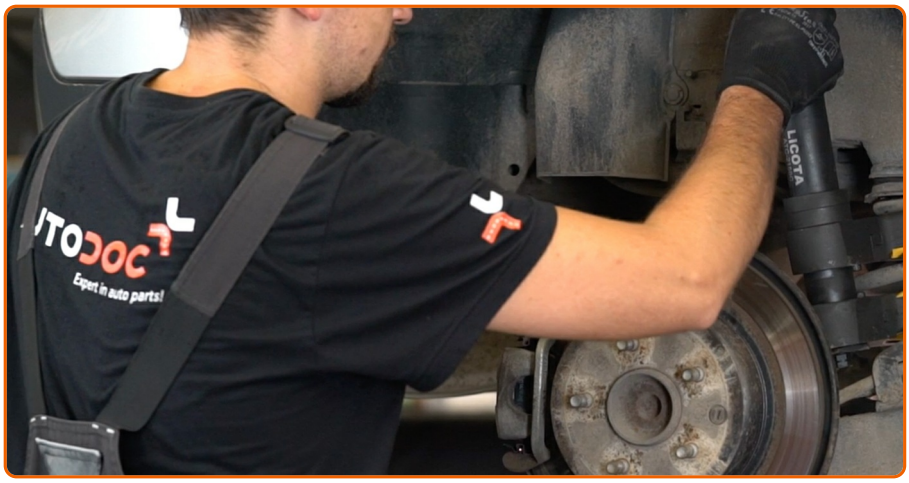
- Compress the coil spring compressor until there is enough room to remove the spring. Do not compress the tool to the full: the spring coils must not touch each other.
- Be careful. The compressed spring is powerful and in case of disrupting ties, straightening, it can cause injury.

14



Take out the stabiliser link fastener.

15



Pull down the suspension control arm. Use a crowbar.

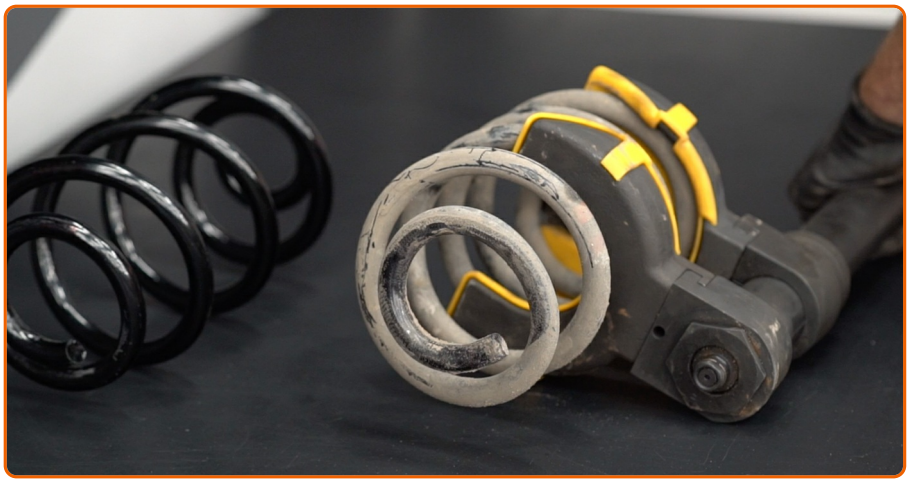
16

Remove the coil spring together with the coil spring compressor.

Replacement: coil springs – Nissan Qashqai J10. Tip from AUTODOC experts:

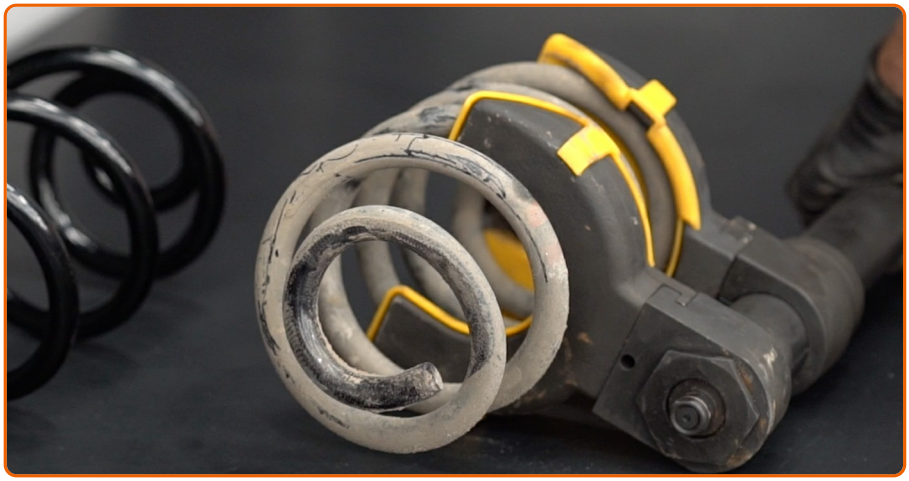
- While the spring is compressed, do not do any operations on it.

17



Secure the coil spring compressor on a work bench.

18



Decompress the spring.

19

Take out the spring.

20

Clean the coil spring mounting seats. Inspect the rubber mounts of the suspension spring. Replace if necessary.

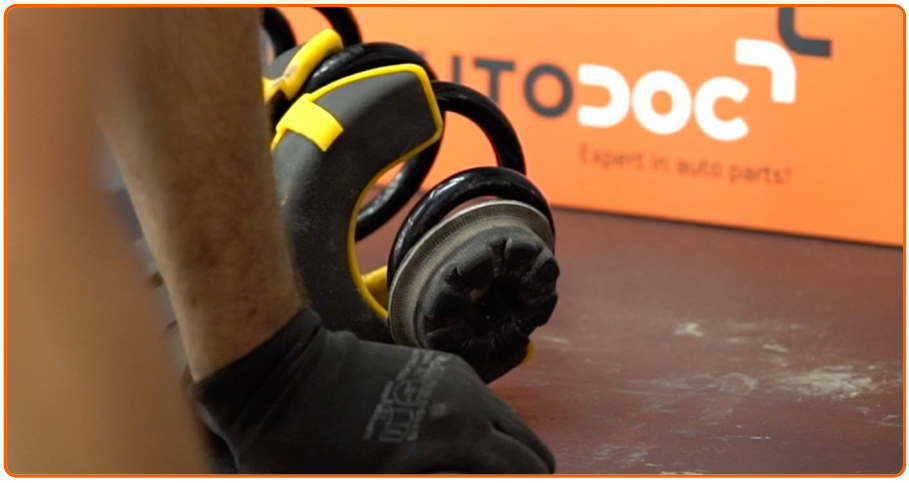
21

Install a new coil spring on the coil spring compressor.

AUTODOC recommends:

- Use adapters and jaws of the appropriate size.

22



Compress the spring.

23

Install the coil spring together with the rubber mounts into the mounting seats.

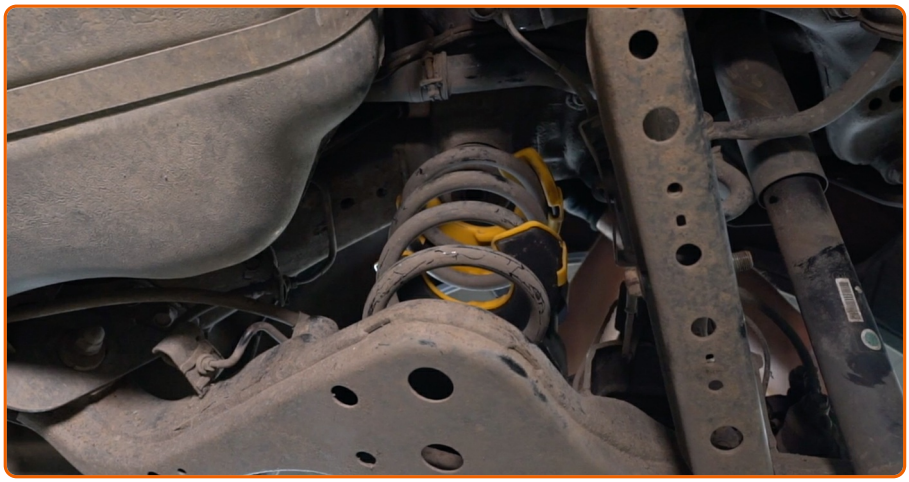
24

Support the arm. Use a hydraulic transmission jack.

25

Tighten the stabiliser link fastener. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 35 Nm torque.

26



Release the coil spring by turning the lead screw of the coil spring compressor. Use a ratchet wrench.

Replacement: coil springs – Nissan Qashqai J10. Professionals recommend:

- Make sure that the coil spring is correctly positioned in its mounting seats.

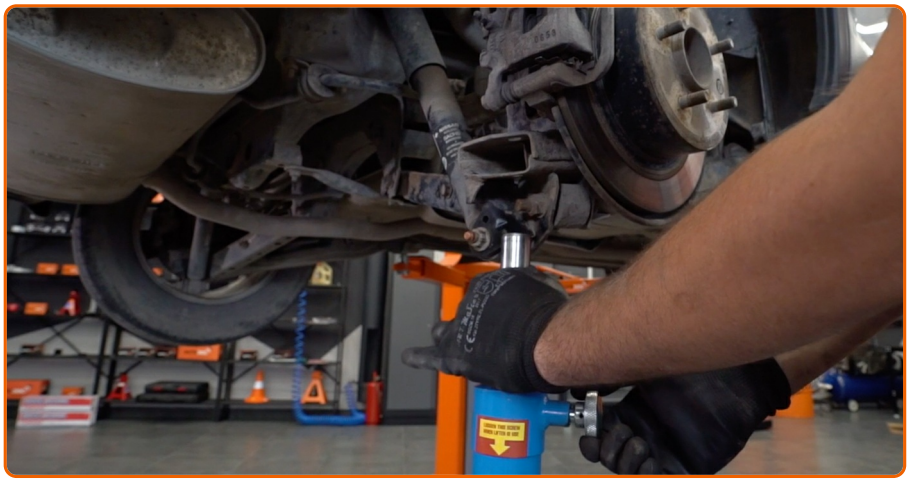
27

Remove the coil spring compressor.

28

Tighten the lower fastener of the shock absorber. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 110 Nm torque.

29



Remove the support from under the rear arm.

AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

30

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

31

Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Nissan Qashqai J10

32

Screw in the wheel bolts. Use wheel impact socket #21.

33

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 112 Nm torque.

34

Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO

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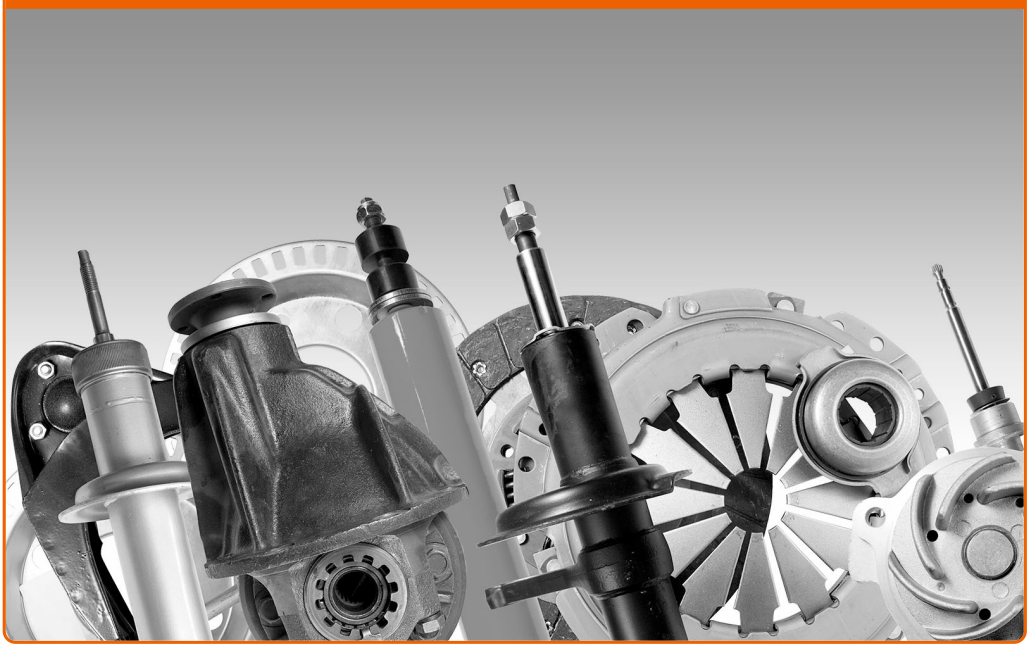
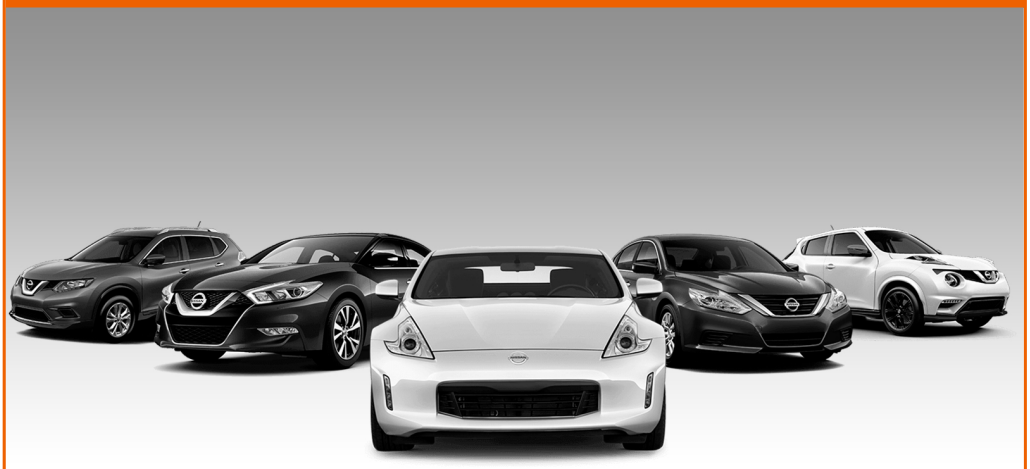


BUY SPARE PARTS FOR NISSAN



COIL SPRINGS: A WIDE SELECTION

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COIL SPRINGS FOR NISSAN: BUY NOW

COIL SPRINGS FOR NISSAN QASHQAI J10: THE BEST DEALS & OFFERS

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